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(74) Agent: **FLINT, Jonathan, McNeill**; 765 Finchley Road,
London NW11 8DS (GB).

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(71) Applicant (for all designated States except US): **SMITHS
GROUP PLC** [GB/GB]; 765 Finchley Road, London
NW11 8DS (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **GOLDER, Roger,**
Francis [GB/GB]; 24 High Street, Aldreth, Ely, Cam-
bridgeshire CB6 3PQ (GB). **SEWELL, Roger, Fane**
[GB/GB]; 19 Champneys Walk, Newnham, Cam-
bridgeshire CB3 9AW (GB). **TOUTOUNGI, Danielle,**
Emma [GB/GB]; 35 Catharine Street, Cambridge CB1
3AW (GB).

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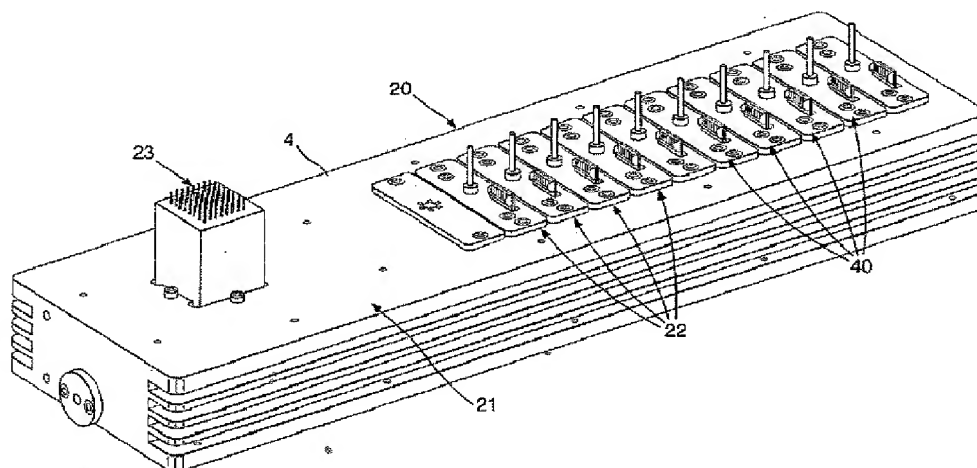
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(54) Title: PARTICLE DETECTION



(57) Abstract: Particle detection and characterising apparatus has an insulating tube (50) along which the particles flow. Five elec-
trodes (51, 52, 55, 56) and (57) spaced along the outside of the tube are connected via amplifiers (61) and (62) to a processor (68)
arranged to measure the charge on the particles. The apparatus also includes a laser (11) and photomultiplier tube (23) arranged to
measure the size of the particles so that the nature of the particles can be characterised from their electrical charge and size.

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